

FIG. 1

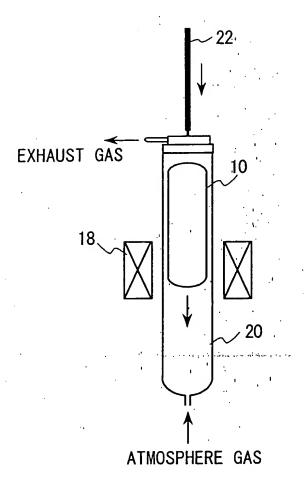


FIG. 2

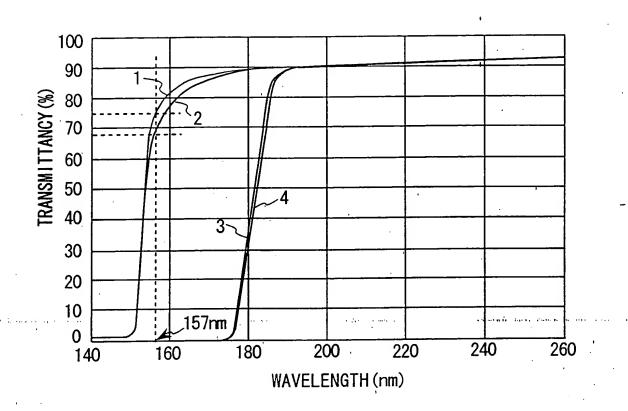


FIG. 3

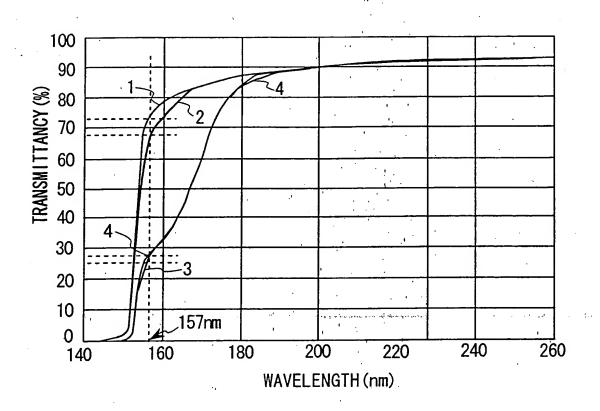


FIG. 4

|                |                           | CONDITIONS                             | ONS                            |             |                   |
|----------------|---------------------------|--|--------------------------------|-------------|-------------------|
|                |                           | FIRST PROCESS                          | SECOND PROCESS                 | Š           | KEMAKKS           |
| EYAMPI F 1     | ATMOSPHERE<br>TEMPERATURE | He 3 g/min, Hz 0.5 g/min               | SiF4 1.62/min                  |             | PRE-HEAT ING      |
|                | PASSING SPEED 3mm/min     | 3mm/min                                | 3mm/min                        |             | PROCESS WITH Hz   |
| 1              | ATMOSPHERE                |  | SiF4 1.60/min                  |             |                   |
| CUMPAKAI I VE  | TEMPERATURE               | NONE                                   | 1380°C                         |             | NO PRE-HEATING    |
|                | PASSING SPEED             |  | 3mm/min                        |             |                   |
| TATACACIO      | ATMOSPHERE                |  | SiF4 1.6 & /min, H2 0.5 & /min | ). 5 g /min | NO DDE UEATING    |
| EYAMPI F 2     | TEMPERATURE               | NONE                                   | 1380°C                         |             | SINTERING WITH H2 |
|                | PASSING SPEED             | •                                      | 3m√min                         |             |                   |
| F 4 4 4 4 10 0 | ATMOSPHERE                | He 32/min, Cl2 0.32/min SiF4 1.62/min, |                                | H2 0.50/min | DEHYDRATION       |
| CUMPAKAI I VE  | TEMPERATURE 1000°C        | 1000°C                                 | 1380°C                         |             | WITH G12;         |
| ראאווו רר א    | PASSING SPEED 3mm/min     |  | 3mm/min                        |             | SINTERING WITH H2 |

F16.5

ST AVAILABLE COPY

|                          |                       | CONDITIONS                             | SNO                      | ONG YOUR           |
|--------------------------|-----------------------|--|--------------------------|--------------------|
|                          |                       | FIRST PROCESS                          | SECOND PROCESS           | KEMARKS            |
|                          | ATMOSPHERE            | He 3 l/min, 02 1 l/min                 | SiF4 1.62/min            | -                  |
| EXAMPLE 2                | TEMPERATURE           | 1000°C                                 | 1380°C                   | PKE-HEALING        |
|                          | PASSING SPEED         | 3mm/min                                | 3mm/min                  | בעות הפים אווים מל |
|                          | ATMOSPHERE            |  | SiF4 1.62/min            |                    |
| CUMPAKALIVE<br>EVANDIE A | TEMPERATURE           | NONE                                   | 1380°C                   | NO PRE-HEATING     |
| LAMIII LL 4              | PASSING SPEED         |  | 3mm/min                  |                    |
| F1 01 01 00              | ATMOSPHERE            |  | SiF4 1.62/min, 02 12/min | NO DDE DEATING     |
| FYAMPI F 5               | TEMPERATURE           | NONE                                   | 1380°C                   | SINTERING WITH 02  |
|                          | PASSING SPEED         |  | 3mm/min                  |                    |
|                          | ATMOSPHERE            | He 31/min, Glz 0.31/min SiF4 1.61/min, | SiF4 1.6%/min, 02 1%/min | DEHYDRATION        |
| COMPAKALIVE<br>EVAIRIE 6 | TEMPERATURE           | 1000°C                                 | 1380°C                   | WITH GI2:          |
| בייאווגרב ח              | PASSING SPEED 3mm/min | 3mm/min                                | 3mm/min                  | SINTERING WITH 02  |
|                          |                       |  |                          |                    |

F16.6